

ECS Configuration Change Request

Page 1 of 1 Pages

CCR No. 98- 0513	Logged Date 4/24/98	Rev. -	Request Type CCR
Priority Routine <input type="checkbox"/> Urgent <input type="checkbox"/> Emergency <input checked="" type="checkbox"/>	Affected Release		Change Class 1N
Title (description) Additional Hardware for the FOS mini-EOC			
Documents Affected N/A		Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference N/A	
RTM Change <input type="checkbox"/> Start New Baseline <input type="checkbox"/>			
Problem The FOS mini-EOC is used to integrate and test the FOS software before delivery to the EOC. However, it does not have similar hardware as the EOC. For instance, the EOC uses 3 Sun Ultra 2's with two 300 MHz processors, 256 MB of RAM and 4 GB of disk space to run the FOS Data Server and Real-Time Servers; the mini-EOC uses Sun SPARC 20's and Ultra 1's with only 1 processor, at most 192 MB of RAM, and 2-4 GB of disk space. FOS has also determined a network bottleneck with the DEC NFS File Servers which can only be serve NFS files in 8K packet sizes. The Sun operating system allows this value to be configured up to 32K packet sizes.			
Proposed Solution As described on the attached e-mail and spreadsheet: Install the Sun Ultra 2 'moon' with two 200 MHz CPUs, 256 MB RAM, and 4 GB disk space in the FOS mini-EOC; replace the 2 FOS X-Term Servers 'brain' and 'taz' (which are Sun Ultra 2's) with 2 Sun SPARC 20's, add a second processor to each, one 9 GB external disk drive to 'brain', and install on the 100 subnet; install a Sun E450 with a A5000 rack RAID on the 100 subnet for FOS to test as an NFS file server. Need date for 'moon' is 4/27/98. Need date for 'brain', 'taz', and the SPARC 20's is 5/4/98. Need date for the E450 is 5/25/98.			
Impact Analysis: Organizations Affected: BOO <input type="checkbox"/> Contracts <input type="checkbox"/> ECS Chief Eng <input type="checkbox"/> FOS <input checked="" type="checkbox"/> M&O <input type="checkbox"/> Procurement <input type="checkbox"/> QO <input type="checkbox"/> Rel. Dev <input type="checkbox"/> Rel. A <input type="checkbox"/> Rel. C <input type="checkbox"/> SCDO Arch. <input type="checkbox"/> Science Off <input type="checkbox"/> Security <input type="checkbox"/> Subcontract <input type="checkbox"/> Sys. Eng <input type="checkbox"/> Sys Verf Acpt <input type="checkbox"/>			
Cost:	None <input checked="" type="checkbox"/>	Small <input type="checkbox"/> (Not exceeding \$100,000)	Medium <input type="checkbox"/> (\$100,000 to \$500,000) Large <input type="checkbox"/> (Over \$500,000)
Schedule:	None <input type="checkbox"/>	Other	
Additional LOC	Man-Months		
Materials			
Originator Douglas M. Smith	Signature Douglas M. Smith		Date 4/23/98
Office FOS	Office Manager Signature Robert P. Dunn		Date 4/24/98
Disposition	Approved <input type="checkbox"/>	Approved w/Comment <input checked="" type="checkbox"/>	Forward <input type="checkbox"/> Disapproved <input type="checkbox"/>
Comments: Prepare memo for the record for contracts indicating upgrades to be done CCB Chairperson Signature Karl Leathorn Date 24 Apr 98			

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4/24/98